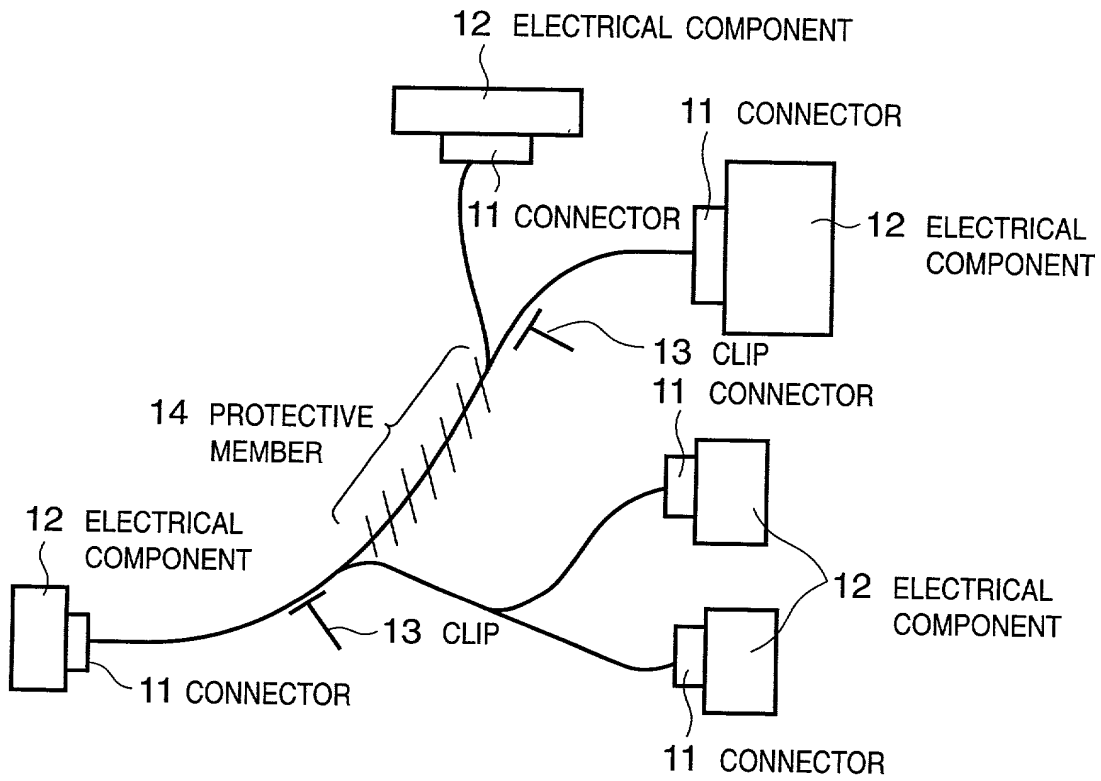
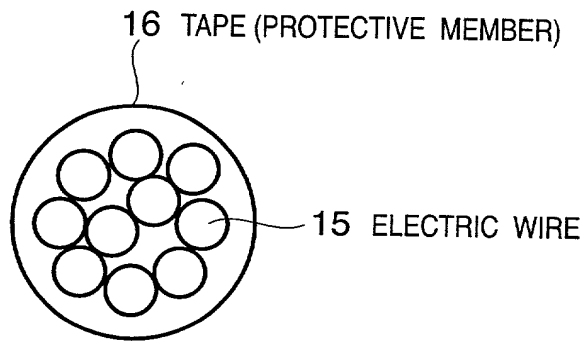


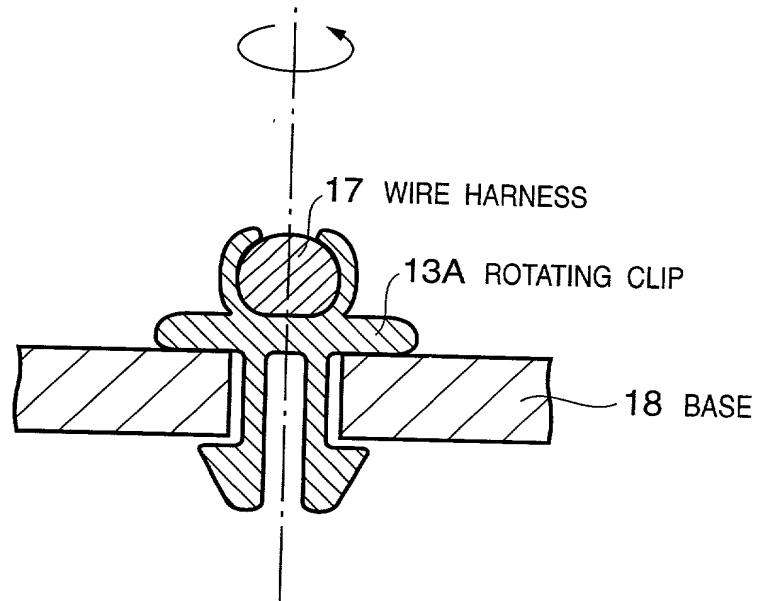
**FIG. 1**



**FIG. 2**



**FIG. 3A**



**FIG. 3B**

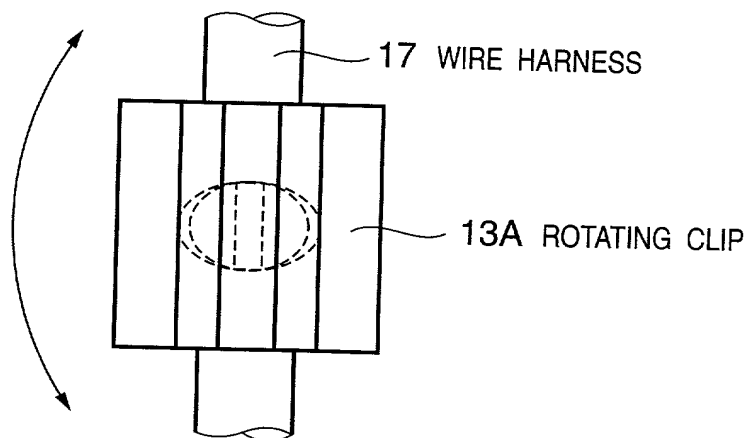
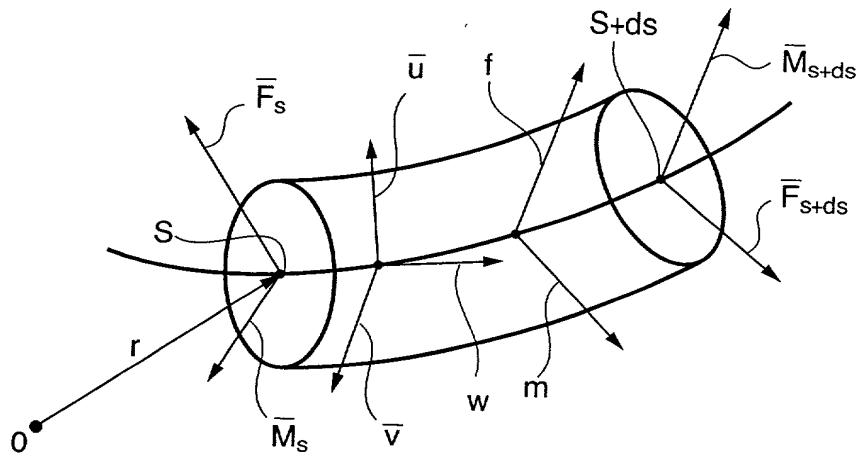


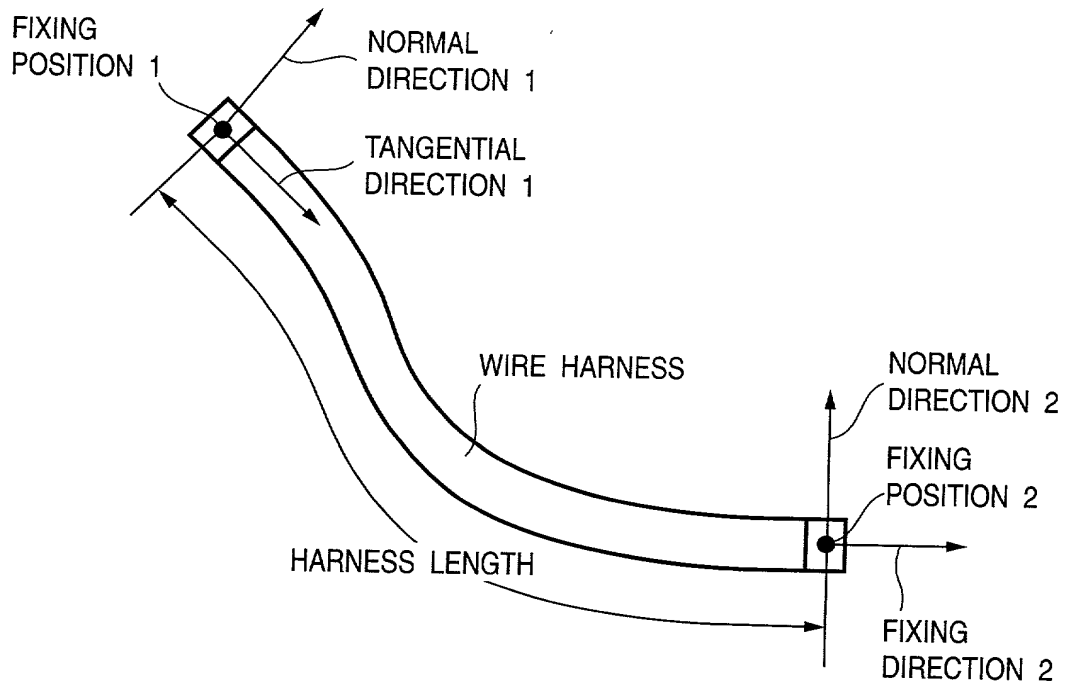
FIG. 4

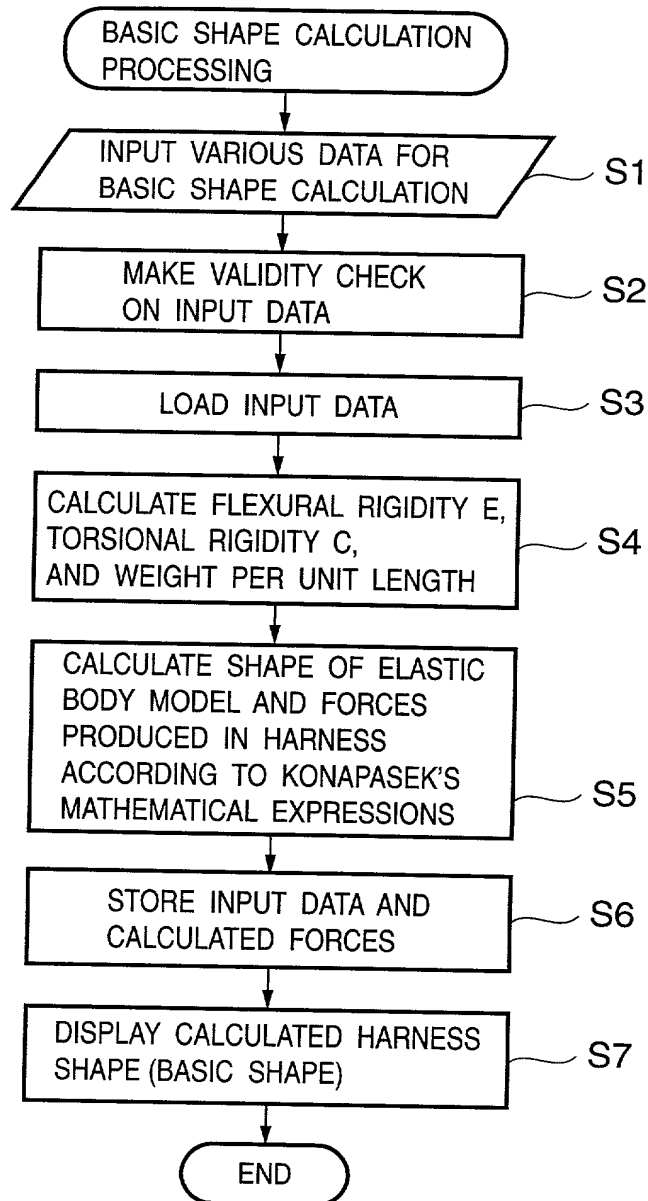
FIXING METHOD	MOVEMENT DUE TO RESULTANT FORCE			ROTATION DUE TO RESULTANT MOMENT		
	x DIRECTION	y DIRECTION	z DIRECTION	x DIRECTION	y DIRECTION	z DIRECTION
CONNECTOR	X	X	X	X	X	X
STATIONARY CLIP	X	X	X	X	X	X
ROTATING CLIP	X	X	X	O	O	X
BRANCH POINT (FREE END)	O	O	O	O	O	O

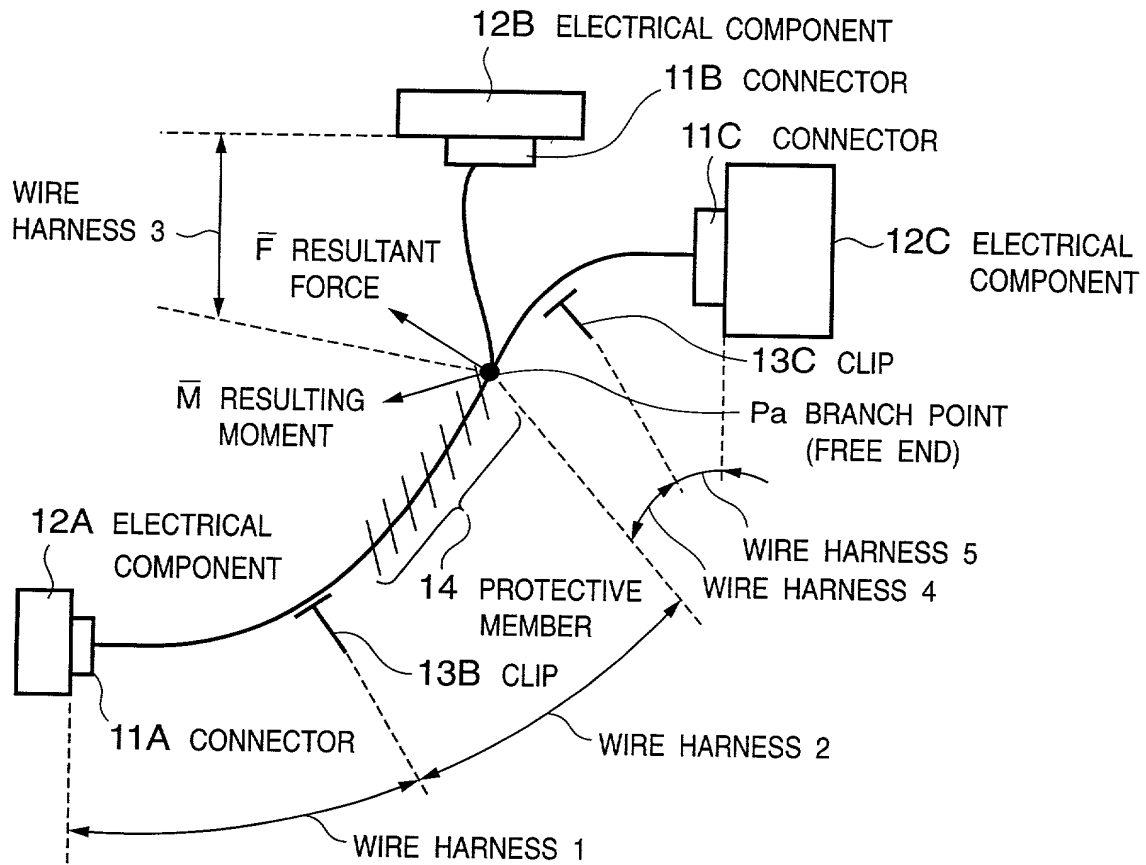
( X : IMPOSSIBLE  
O : POSSIBLE

**FIG. 5**

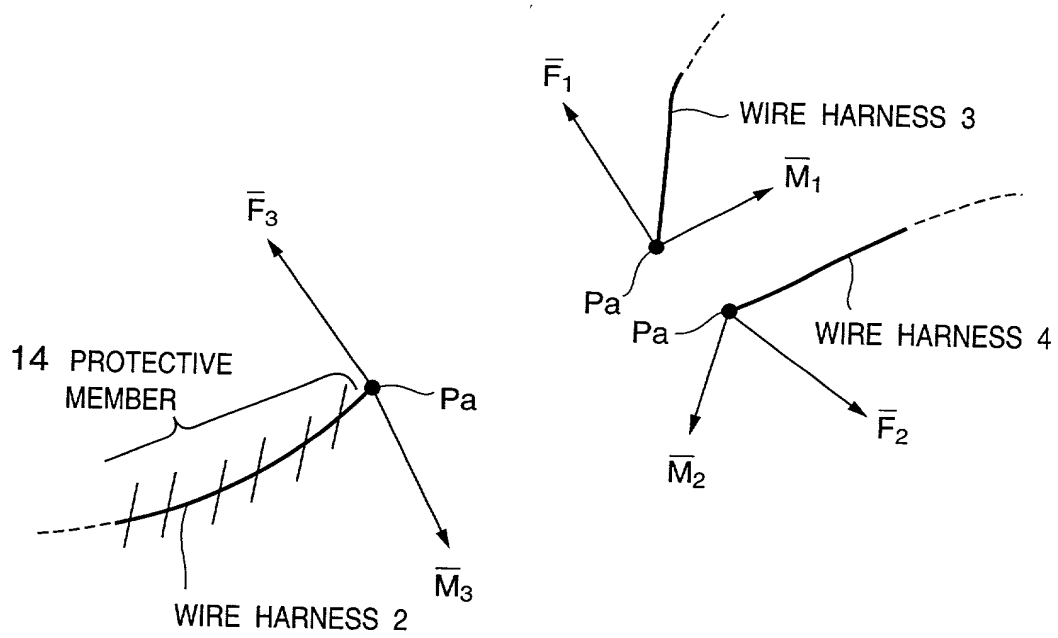
**FIG. 6**

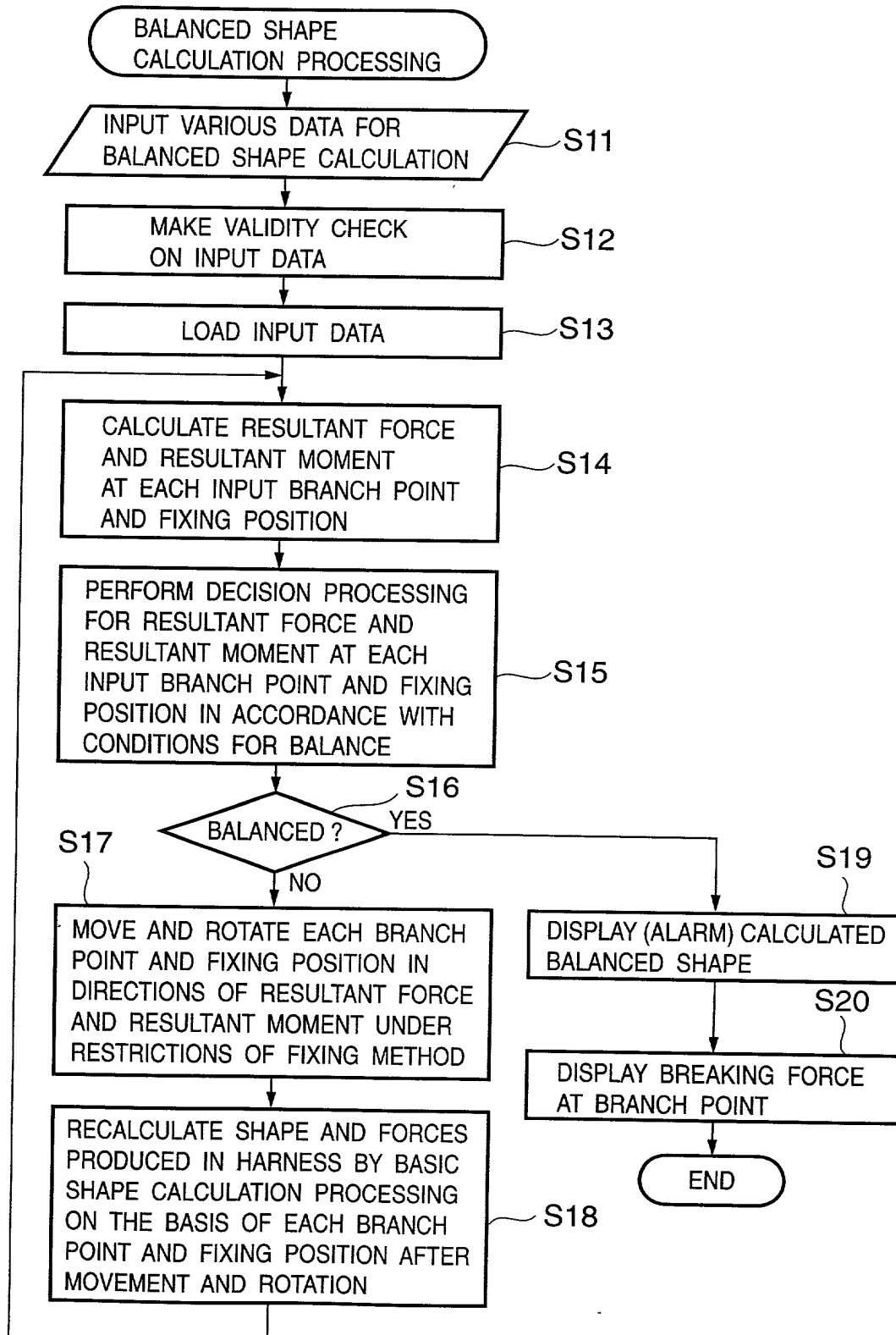


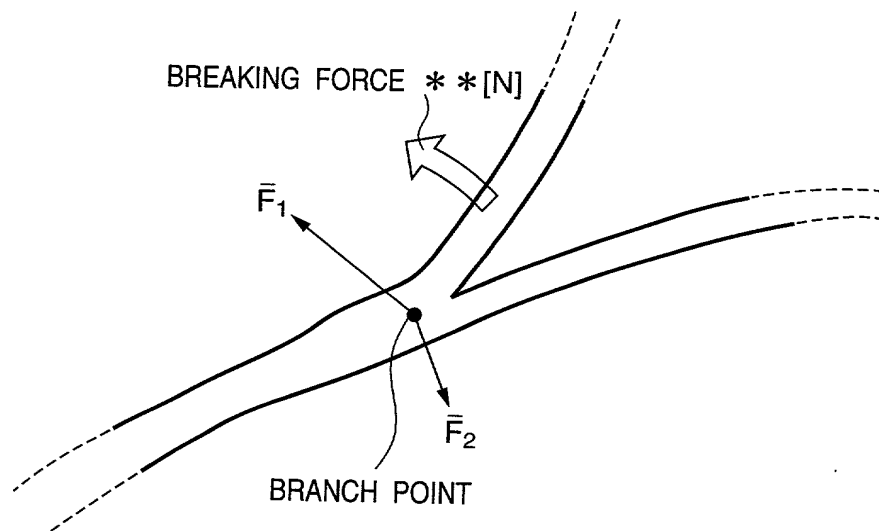
**FIG. 7**

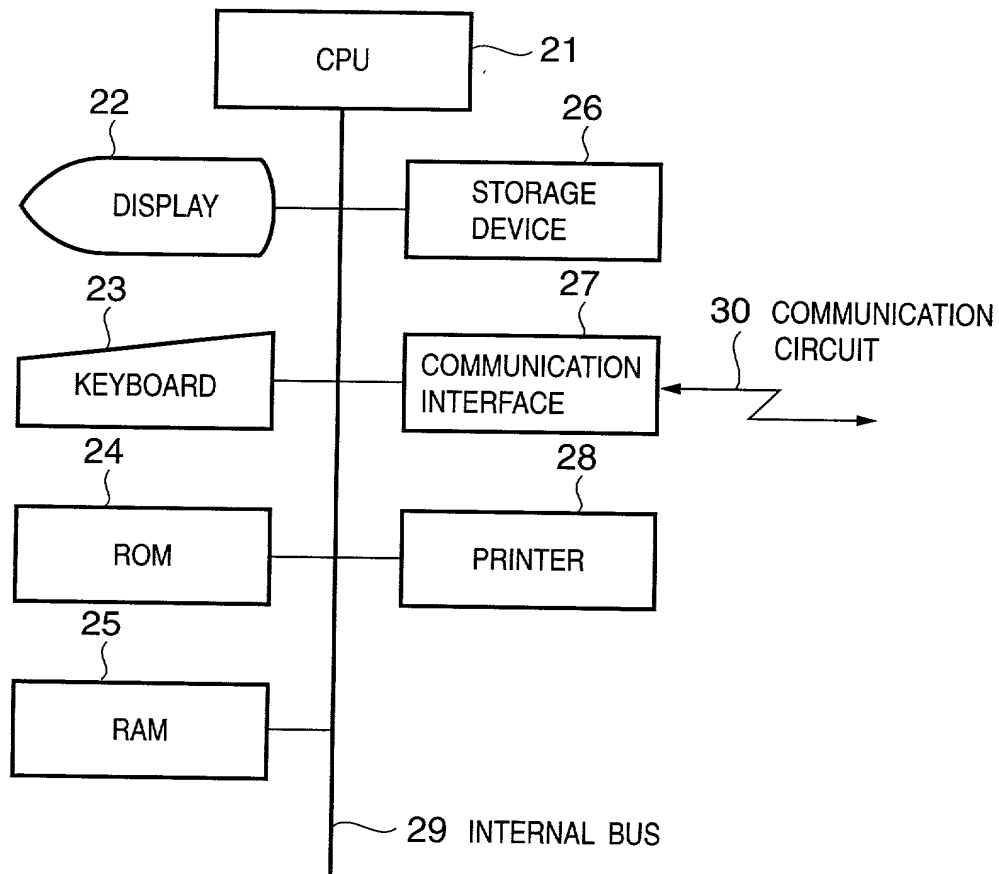
**FIG. 8**



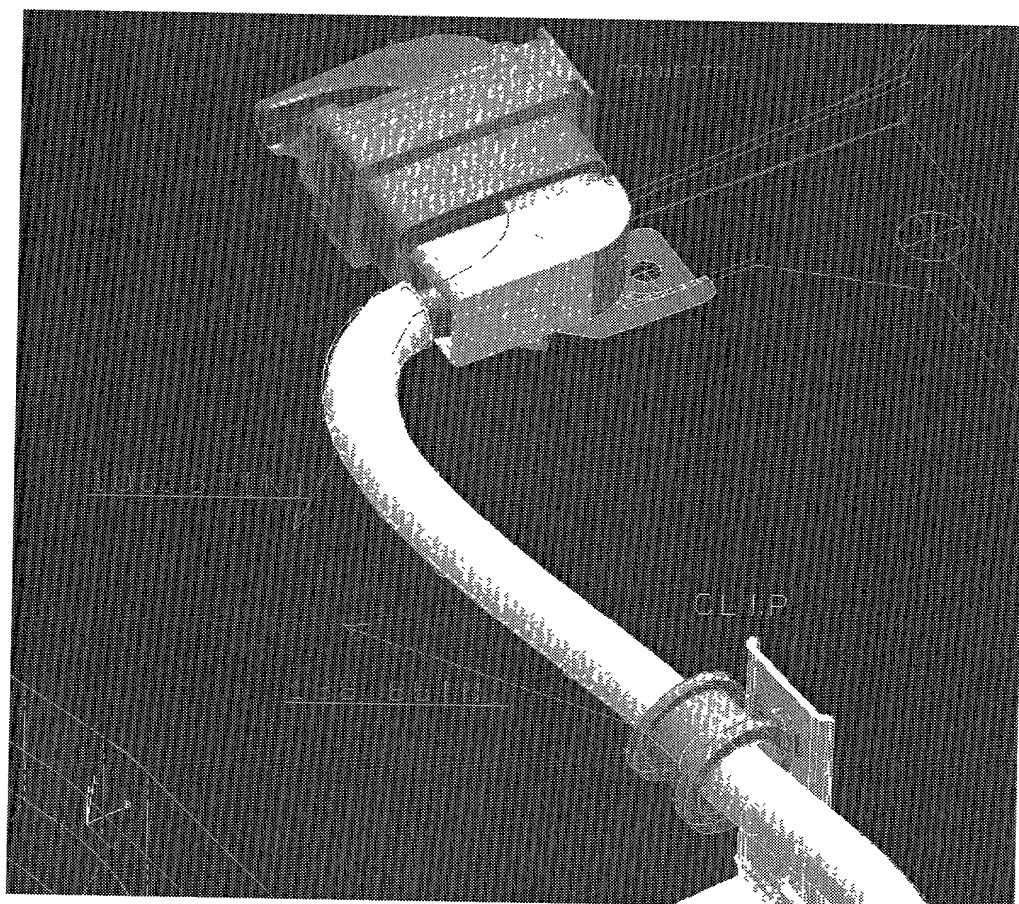
**FIG. 9**

**FIG. 10**

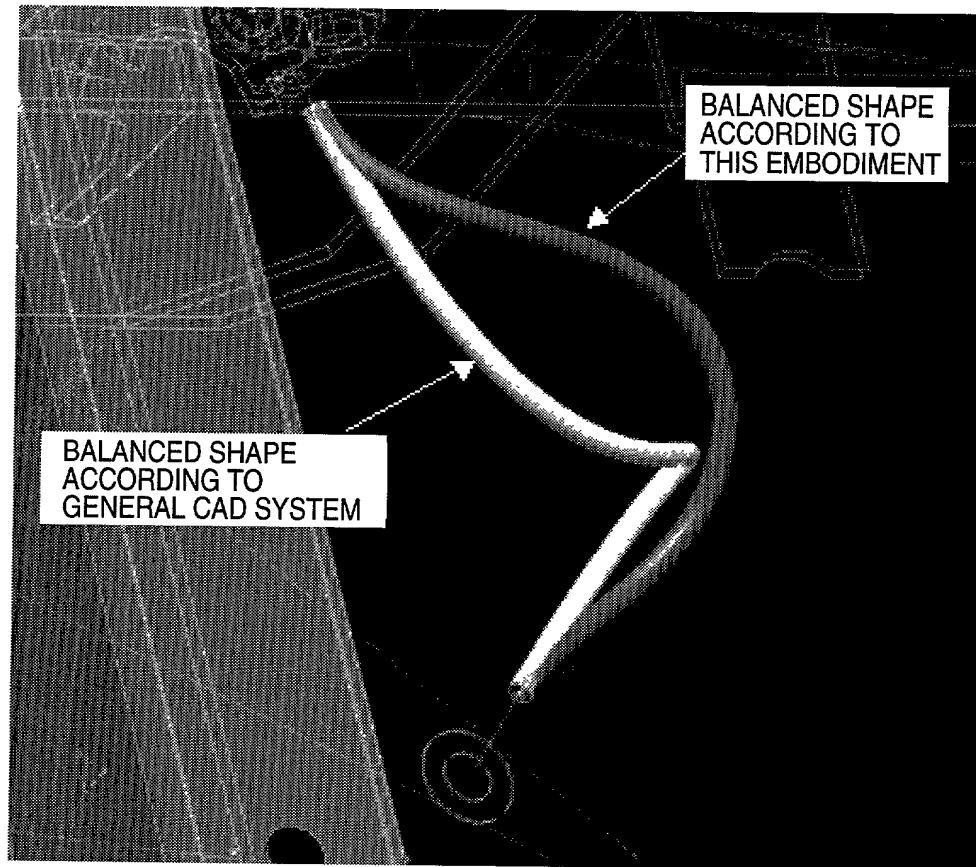
**FIG. 11**

**FIG. 12**

**FIG. 13**



**FIG. 14**



**FIG. 15**

